



SPECIFICATIONS

Series Number	QSMO-4410 ⁽¹⁾	QSMO-4420 ⁽¹⁾	QSMO-4430 ⁽¹⁾	QSMO-4440 ⁽¹⁾
Frequency Range	1.8 to 50 MHz			
Overall Frequency Stability (Max) ⁽¹⁾	A = ±25ppm 0° to 70° B = ±50ppm 0° to 70° C = ±100ppm 0° to 70° D = ±10ppm 0° to 70°		E = ±25ppm -40° to 85° F = ±50ppm -40° to 85° G = ±100ppm -40° to 85° H = ±20ppm -40° to 85°	
Storage Temperature Range	-50°C to +125°C			
Supply Voltage	+3.3V ±10%		+5.0V ±10%	
Supply Current (Max)				
Output Disabled	10 µA	10 µA	10 µA	10 µA
1.8 to 32 MHz	12 mA	22 mA	25 mA	27 mA
32 MHz to 50 MHz	16.5 mA	26 mA	35 mA	45 mA
Output Voltage				
"0" Level (Max)	2.97 Volts (Min)	2.4 Volts (Min)	4.5 Volts (Min)	
"1" Level (Min)	0.33 Volts (Max)	0.4 Volts (Max)	0.5 Volts (Max)	
Output Load (Max) TTL Load/CMOS Load	10LS TTL / 15pF	10N TTL	10pF / 15pF	10N TTL / 15pF
Rise/Fall Times (Max)(At 0.1V _{DD} ~ 0.9V _{DD})	7n Sec	5n Sec	10n Sec	7n Sec
Symmetry (Max) (At 0.5V _{DD})	40% to 60%			
Tri-State Control	#1 Open		#3 Active	
	#1 ≥0.7V _{DD}		#3 Active	
	#1 ≤0.3V _{DD}		#3 High Z	

Note (1): Customer to add 'A' to 'D' or 'E' to 'H' for Overall Frequency Stability.

Note: The above specifications are typical only. Please contact our Sales Department for specific requirements.



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